

Leonid POLTEROVICH, CURRICULUM VITAE

Born: 30.08.1963, Moscow

Citizenship: Israeli

EDUCATION

1979-1984 M.Sc., Mechanics, Moscow State University

1990 Ph.D., Mathematics (with distinction), Tel Aviv University

ACADEMIC AND PROFESSIONAL EXPERIENCE

1984-1987 Engineer, Krzhizhanovsky Energy State Research Institute, Moscow

1987-1989 Junior Scientific Worker, Metrology Service State Research Institute, Moscow

1990 Doctoral Fellow, School of Mathematical Sciences, Tel Aviv University

1990-1991 Postdoctoral Fellow, School of Mathematical Sciences, Tel Aviv University

1991-1994 Senior Lecturer, School of Mathematical Sciences, Tel Aviv University

1994-1996 Associate Professor, School of Mathematical Sciences, Tel Aviv University

Since Dec.1996 Professor, School of Mathematical Sciences, Tel Aviv University

1997- 1998 Sabbatical at ETH, Zürich

Sep.2009-Aug.2012 Visiting Professor, Department of Mathematics, University of Chicago

Spring 2010 Simons Professor at MSRI, Berkeley (for Symplectic and Contact Geometry and Topology program)

Since 2014 Visiting Professor (short term, part time), Department of Mathematics, University of Chicago

2017-2024 Mercator Fellow, Ruhr University Bochum and University of Cologne.

SELECTED AWARDS

1996 European Mathematical Society Prize

1998 Erdős Prize (awarded by the Israel Mathematical Union)
2003 The Gordon Chair in Dynamical Systems and Symplectic Topology, Tel Aviv University
2003 Michael Bruno Memorial Award, YAD HANADIV – the Rothschild Foundation
2013-2019 European Research Council Advanced Grant "Symplectic topology and its interactions: from dynamics to quantization"
since 2024 Member of Academia Europaea

SELECTED TALKS

1996 Award lecture, 2nd European Congress of Mathematicians, Budapest
1998 Invited address to the International Congress of Mathematicians, Berlin
1999 Plenary lecture, Annual meeting of Israel Mathematical Union, Haifa
2010 Leonidas Alaoglu Memorial Lecture in Mathematics, Caltech, Pasadena
2010 Distinguished Lecture Series, UCLA, Los Angeles
2010 Plenary lecture, Annual meeting of German Mathematical Society, München
2011 William H. Roever Lecture in Geometry, Washington University in St. Louis
2014 Plenary lecture, The IMU-AMS joint meeting, Tel Aviv
2016 Plenary lecture, 7th European Congress of Mathematics, Berlin
2022 Plenary lecture, Algebraic topology: methods, computation and science (ATMCS10), Oxford
2022 Ziwet Lectures, University of Michigan, Ann Arbor

EDITORIAL BOARDS

Geometric and Functional Analysis (GAFA), Co-Editor in Chief
Israel Journal of Mathematics (until 2022)
Geometry and Topology
Electronic Research Announcements (A)MS (2005 - 2019)
Journal of Modern Dynamics (2007 - 2014)
Journal of Topology and Analysis

Duke Mathematical Journal
Communications in Contemporary Mathematics
CRM/Springer series, CRM Short Courses
Journal of the Association for Mathematical Research (JAMR)
Journal of the American Mathematical Society (JAMS)

ACTIVITY AS A SUPERVISOR (FORMER STUDENTS)

MSc: I. Ustilovsky, A. Pinchassi, R. Fuchs, M. Rosenberg, N. Blaier, D. Rosen, A. Amir, K. Samvelyan, O. Shabtai, V. Kaminker, D. Shmoish, L. Vishnevsky, A. Chor, O. Karin

PhD: P. Biran, M. Akveld, Y. Ostrover, D. Mangoubi, G. Ben Simon, F. Zapolsky, E. Shelukhin, M.S. Borman, D. Rosen, A. Kislev, V. Stojsavljević, Y. Ganor, S. Tanny, O. Shabtai

SELECTED ACTIVITY AS A (CO-)ORGANIZER

1993 Conference “Geometries in Interactions”, Tel Aviv University.

1996-1997 Research Program on Geometry and Dynamics, Tel Aviv University.

2002 Research Program on Symplectic Topology, Algebraic Geometry and Calculus of Variations, Tel Aviv University.

2002 Oberwolfach-seminar “Symplectic Geometry”, Germany.

2006-2012 Biannual workshop “Geometric Group Theory, Hyperbolic Dynamics and Symplectic Geometry”, Oberwolfach, Germany

2007 Conference “Different approaches to complexity in mathematics and mathematical physics”, Technion, Haifa.

2007 Workshop “New Perspectives and Challenges in Symplectic Field Theory”, Stanford, US.

2008 Workshop on Floer Theory and Symplectic Dynamics, Montreal, Canada.

2010 Workshop “Symplectic and contact topology and dynamics: puzzles and horizons”, MSRI, Berkeley, US.

2010 Workshop “Symplectic geometry and transformation groups”, Edinburgh, UK.

- 2012** - Topology in Dynamics and Physics (TIDY) program, Tel Aviv
- 2013** Conference “D-Days: A Panorama of Geometry”, Zürich, Switzerland.
- 2013** Workshop “J-holomorphic Curves in Symplectic Geometry, Topology and Dynamics”, Montreal, Canada.
- 2014** Workshop “Symplectic and Contact Dynamics”, Tel Aviv
- 2014** - Mathematical Institute at Tel Aviv (MINT)
- 2015** Program “Computational Symplectic Topology”, Tel Aviv and Providence
- 2015** Conference “Topology, Geometry and Dynamics”, Montreal
- 2016** Workshop “Quantum Mechanics meets Symplectic Topology”, Tel Aviv
- 2018** Workshop “Topological Data Analysis meets Symplectic Topology”, Tel Aviv
- 2018** Summer graduate school “From Symplectic Geometry to Chaos”, MSRI, Berkeley
- 2019** Conference “Quantization in symplectic geometry”, Cologne
- 2019** Workshop “Conservative dynamics and its interactions”, CIB, Lausanne
- 2023** Conference “Quantization in geometry”, Cologne

SELECTED ADMINISTRATIVE ACTIVITY

- 2004** Prize Committee, European Congress of Mathematicians, Stockholm
- 2006** Geometry panel, International Congress of Mathematicians.
- 2005-2007** Head of Pure Mathematics Department, School of Mathematical Sciences, Tel Aviv University.
- 2014** Dynamical Systems and ODE panel, International Congress of Mathematicians.
- 2014, 2016** ERC Consolidator Grant Panel (Mathematics)
- 2015-2019** University Appointment Committee, TAU
- 2024** Chair of the Scientific Committee, 9th European Congress of Mathematics

Date: April 30, 2024